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4.1.04

Atty Dkt. No.  
33216M035

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Akihiro TATSUTA et al.  
Serial No.: 09/484,441  
Group Art Unit: 2747  
Filed : January 18, 2000  
Examiner: Unassigned  
For : TRANSMITTING AND RECEIVING APPARATUS CAPABLE  
OF THE SUPPRESSION OF THE MICROPHONIC NOISE IN  
DIGITAL TRANSMISSION SYSTEM

FIFTH INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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MAR 25 2004

Sir:

Technology Center 2600

Pursuant to the duty of disclosure under 37 C.F.R. 1.56, Applicants are enclosing an Information Disclosure Citation Form (PTO-1449) which lists three publications that are cited and discussed in the specification. English translations of these publications are also being provided.

It is respectfully requested that each cited document be considered by the Examiner in the above-identified patent application and that each cited document be made officially of record therein. It is further requested that a listing of the same appear on the face of any patent which may issue from this application.

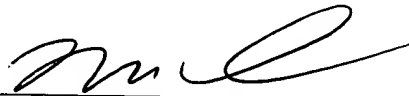
An Official Action on the merits has issued for this application. In accordance with the requirements of 37 C.F.R. §1.97(d), Applicants attach a check for \$180 in payment of the requisite fee (37 C.F.R §1.17(p)).

Respectfully submitted,  
SMITH, GAMBRELL & RUSSELL, LLP

03/24/2004 SDENBOB1 00000048 09484441

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Date: March 23, 2004

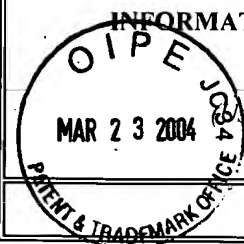
FORM PTO-1449

ATTY. DOCKET NO.  
33216M035SERIAL NO.  
09/484,441

## INFORMATION DISCLOSURE STATEMENT

APPLICANTS:  
Akihiro TATSUTA et al.FILING DATE  
January 18, 2000GROUP ART UNIT  
2747

(Use several sheets if necessary)



## U.S. Patent Documents

Examiner Initials		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE, IF APPROPRIATE
	AA						
	AB						
	AC						

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## FOREIGN PATENT DOCUMENTS

Technology Center 2600

*Examiner's Initials		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
	AD						YES	NO
	AE							
	AF							
	AG							

## OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)

	AH	Toshiyuki Ozawa, "PLL Shuhasu Synthesizer Kairo Sekkei Ho.", Sougou Denshi Syuppannsya, 1994 with English language translation
	AI	Hiroshi Fujiwara et al., "MPEG System for Multiplying Multimedia", pp. 231 of Saishin MPEG Kyoukasyo", (1994, ASCII Shuppanyoku) with English language translation
	AJ	Yoshihiro Konishi, "Microwave Kairo No Kiso To Sono Oyo", Sougou Denshi Syuppannsya, 1990, pp. 172, with English language translation
	AK	
	AL	
	AM	
	AN	
	AO	

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.